

**LIST OF CURRENT CLAIMS**

1. (Currently Amended) Inlet piece for a liquid-injected compressor element, ~~characterised in that it comprises~~ comprising a sleeve (8) ~~which consists of including~~ a casing (11), a bottom wall (12) provided with an opening (13) and a top wall (14) which is entirely tight, a pipe (9) opening on the inside of the sleeve (8) and a partition (10) comprising a span part (15) which spans the opening (13) in the aforesaid bottom wall (12) and which transforms into an enclosing part (16) reaching down to the bottom wall (12), partially enclosing the opening (13), ~~whereby~~ wherein the partition (10) leaves a passage (18) on one side of the opening (13) and the pipe (9) opens in the sleeve (8) between the top wall (14) and the span part (15), such that, because of the partition (10), gas flowing from the opening (13) to the pipe (9) has to make ~~among others~~ at least a revolving movement.

2. (Currently Amended) Inlet piece according to claim 1, wherein ~~characterised in that~~ all edges of the partition (10), except the edges of the passage (18), fit up against the casing (11).

3. (Currently Amended) Inlet piece according to claim 1, wherein ~~characterised in that~~ the enclosing part (16) of the partition (10) only fits up against the casing (11) with a side edge, whereas the passage (18) between the other side edge and the casing (11) remains open.

4. (Currently Amended) Inlet piece according to claim 1, wherein ~~1, 2 or 3,~~ ~~characterised in that~~ the sleeve (8) is cylindrical or has an elliptic section.

5. (Currently Amended) Inlet piece according to claim 1, wherein ~~characterised in that~~ the enclosing part (16) preferably forms an angle  $\alpha$  in relation to the vertical on the bottom wall (12).

6. (Currently Amended) Inlet piece according to claim 1, wherein ~~any of the preceding claims, characterised in that~~ the opening (13) in the bottom wall (12) of the sleeve (8) is situated eccentrically.

7. (Currently Amended) Inlet piece according to claim 1, wherein ~~any of the preceding claims, characterised in that~~, on the side of the span part (15), the passage (18) is limited by an additional partition part (17) connecting onto said span part (15) and extending over a small distance towards the bottom wall (12).

8. (Currently Amended) Inlet piece according to claim 7, wherein the inlet piece ~~characterised in that~~ it is at least as wide as the size of the opening (13).

9. (Currently Amended) Inlet piece according to claim 1, comprising ~~any of the preceding claims, characterised in that it comprises~~ an additional partition (19) provided between the span part (15) and the top wall (14) and connecting onto the casing (11) with one edge, wherein said additional ~~whereby this~~ partition (19) is at least as long as the passage (18) and prevents gas from flowing directly from the passage (8) to the pipe (9).

10. (Currently Amended) Inlet piece according to claim 1, wherein ~~any of the preceding claims, characterised in that~~ the passage (18) has a surface which is at least as large as the surface of the section of the pipe (9).

11. (Currently Amended) Inlet piece according to claim 1, wherein ~~any of the preceding claims, characterised in that~~ the distance between the enclosing part

(16) and the casing (11) of the sleeve (8) is at least as large as the width of the passage (18), measured parallel to the bottom wall (12).

12. (Currently Amended) Inlet piece according to claim 1, wherein ~~any of the preceding claims, characterised in that it~~ the inlet piece is mounted directly on the inlet of a ~~the~~ compressor element (2).

13. (Currently Amended) Inlet piece according to claim 12, wherein the inlet piece ~~characterised in that it~~ is provided with a mounting flange (6) protruding outside the casing (11), which flange forms a whole with the bottom wall (12).

14. (Currently Amended) Inlet piece according claim 9, wherein ~~characterised in that,~~ if the flange (6) is smaller than the bottom wall (12), and an additional outlet pipe is provided.

15. (Currently Amended) Inlet piece according to claim 1, wherein the inlet piece ~~one or several of the preceding claims, characterised in that it~~ is erected vertically, such that the oil collected in the connecting piece can flow back into ~~the~~ a compressor element.